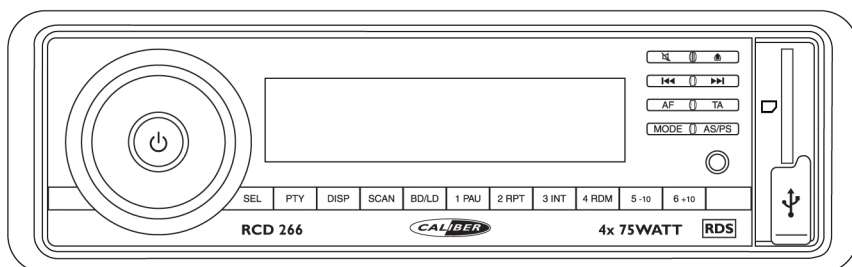




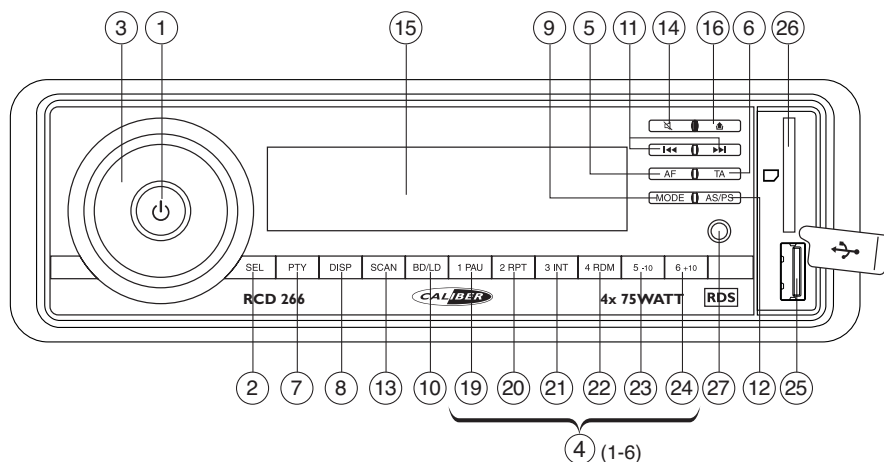
RCD 266

INSTRUCTION MANUAL

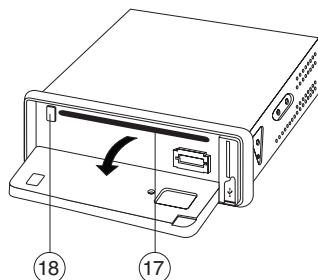


Car Stereo CD/CDR/CDRW/MP3/WMA Player
with PLL FM Stereo Radio
Radio Data System with PTY
USB/SD/MMC Card / AUX Input
iPod Compatible
Flip Down and Detachable Front Panel System

LOCATION OF PARTS AND CONTROLS



1. POWER ON/OFF ()
2. FUNCTION SELECT BUTTON: BASS/TREBLE/BALANCE/FADER / TA SEEK/PI SOUND/ RETUNE/MASK DPI/EON/BEEP/TA VOL/ADJ TIME/AUDIO DSP (SEL)
3. VOL UP/VOL DOWN FOR BASS/TREBLE/BALANCE/FADER
4. PRESET STATIONS (1,2,3,4,5,6)
5. 'AF' FUNCTION (ALTERNATIVE FREQUENCIES)
6. 'TA' FUNCTION (TRAFFIC ANNOUNCEMENT)
7. 'PTY' FUNCTION (PROGRAM TYPE)
8. DISPLAY BUTTON (DISP)
9. MODE BUTTON (MODE)
10. BAND / LOUDNESS BUTTON (BD/LD)
11. AUTOMATIC OR MANUAL TUNING
(FREQ UP OR FREQ DOWN /
CD TRACK/SEARCH BUTTON
12. AUTO SEEK SEARCH TUNING (AS/PS)
13. 'SCAN' AUTOMATIC TUNING CONTROL (SCAN)
14. MUTE BUTTON ()
15. LCD DISPLAY
16. PANEL RELEASE BUTTON ()
17. CD SLOT
18. CD EJECT BUTTON ()
19. PAUSE BUTTON
20. REPEAT BUTTON
21. INTRO BUTTON (Preview all Tracks)
22. RANDOM BUTTON
- 23, 24. 10 TRACK SEARCH DOWN/UP
25. USB PORT
26. MULTI-MEDIA CARD (MMC) / SD CARD SLOT
27. AUX IN



ISO CONNECTOR

RCA Jack Line Out:

Red (right) White (left)

CONNECTOR A

4. MEMORY +12V
5. AUTO ANTENNA OUTPUT
7. +12V (TO IGNITION KEY)
8. GROUND

Note: (connector A no. 7) wire must be connected by car ignition key in order to avoid that car battery becomes weak when the car will be not used for long period.

CONNECTOR B

1. REAR RIGHT SPEAKER (+)
2. REAR RIGHT SPEAKER (-)
3. FRONT RIGHT SPEAKER (+)
4. FRONT RIGHT SPEAKER (-)
5. FRONT LEFT SPEAKER (+)
6. FRONT LEFT SPEAKER (-)
7. REAR LEFT SPEAKER (+)
8. REAR LEFT SPEAKER (-)

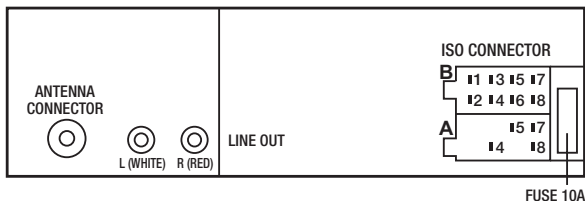
Maintenance

FUSE REPLACEMENT

If the fuse blows, check the power connection and replace the fuse. If the fuse blows again after the replacement, there may be an internal malfunction. In this case, consult your nearest repairing center

Warning

Use the specified amperage fuse for each lead. Use of a higher amperage fuse may cause serious damage.

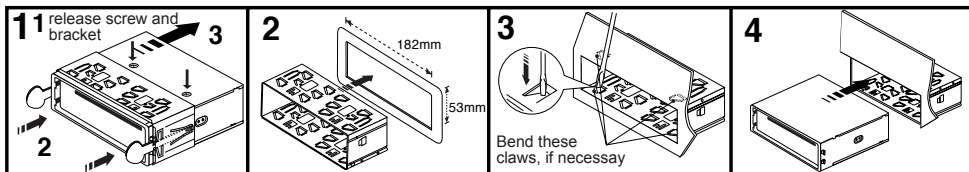
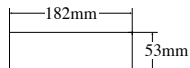


INSTALLATION

PRECAUTIONS

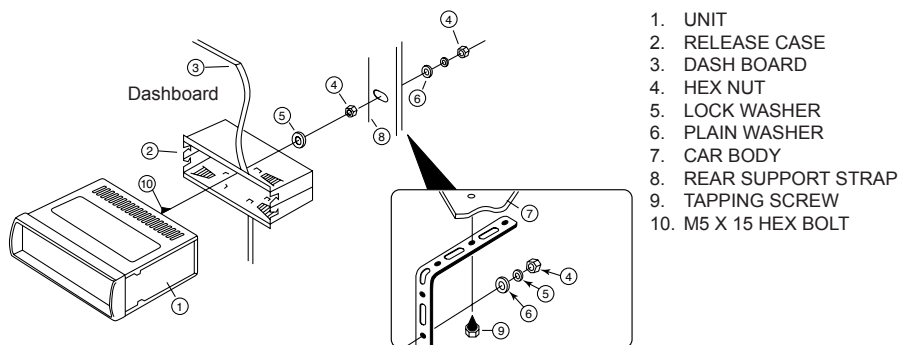
- Choose the mounting location carefully so that the unit will not interfere with the normal driving functions of the driver.
- Avoid installing the unit where it would be subject to high temperatures, such as from direct sunlight or hot air from the heater, or where it would be subject to dust, dirt or excessive vibration.
- Use only the supplied mounting hardware for a safe and secure installation.
- Be sure to remove the front panel before installing the unit.

NOTE: Inclination angle for car radio installation must not exceed 30° otherwise the front panel will not open.



Note: Keep the release key in the safe place as you may need it in future to remove the unit from the car.

TO SUPPORT THE UNIT



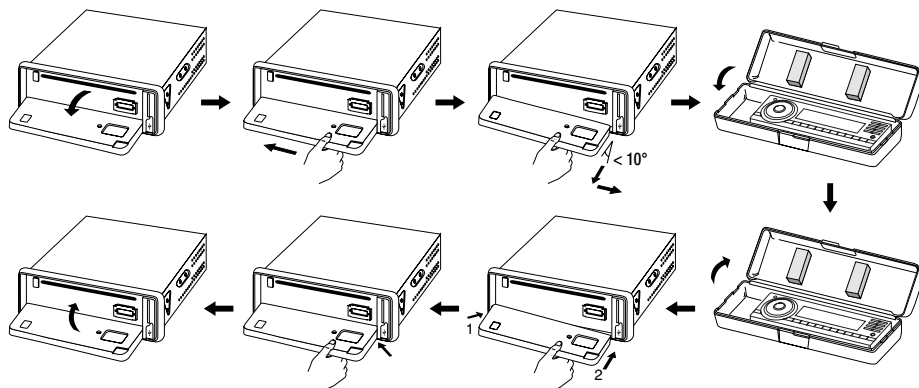
Detaching and attaching the front panel

The front panel of this unit can be detached in order to prevent the unit from being stolen.

FOLDING DOWN AND DETACHING/ATTACHING THE FRONT PANEL

Before detaching the front panel, be sure to press the button (1) OFF first.

Then press the button (16), let the Front Panel arrive in horizontal position and detach the panel by pulling it towards you as illustrated.



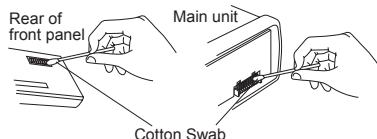
Notes:

- Do not press the front panel hard against the unit when attaching it. It can be easily attached by pressing it lightly against the unit.
- When you carry the front panel with you, put it in the supplied front panel case.
- Do not press hard or give excessive pressure to the display window of the front panel when attaching it to the unit.

CLEANING THE CONNECTOR

The unit may not function properly if the connectors between the unit and the front panel are contaminated with dirt. In order to prevent this from happening, detach the front panel by pressing the button and clean the connector from time to time.

Clean the connector with a cotton swab together with contact cleaner as illustrated. Be sure to clean them carefully pin by pin and make sure not to damage the connecting points.



OPERATION INSTRUCTIONS

1. POWER ON/OFF ()

By pressing this key, the unit is on and off. This unit is turned on by pressing any key.



2. FUNCTION SELECT BUTTON: BASS/TREBLE/BALANCE/FADER / TA SEEK/PI SOUND/RETUNE/MASK DPI/EON/BEEP/TA VOL/ADJ TIME/AUDIO DSP (SEL)

Turning the VOL knob Right or Left (3), you can adjust VOL/BASS/TREB/BAL/FAD. To select other functions, press the SEL (2) button shortly until the desired functions is shown on the display. Figure 1 shows how control functions are selected using the VOL knob.



Fig. 1 Selection of sound control functions

1. VOL 2. BAS 3. TRB 4. BAL 5. FAD

Increase or decrease the volume by turning  or . These buttons can be used to adjust the BASS, TREBLE, BALANCE and FADER.

TA SEEK/TA ALARM (2)

When press the SEL button for more than 2 seconds, it is activated as selecting mode of these function.

TA SEEK Mode or TA ALARM mode is selected by  or .



- TA SEEK mode:

When newly turned station does not receive TP information for 5 sec., the radio retunes to next station which has not the same station (PI) as the last station, but has the TP information.

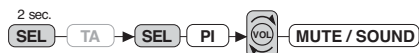
In TA seek mode, the current station can be changed to the completely different station because the unit searches TP station when the field strength of the current station is very weak, or the current station has no TP signal.

- TA ALARM mode:

Any automatic retune mode is not activated, just can hear Beep sound.

PI SOUND(2)

When press the SEL button for more than 2 seconds, it is activated as selecting mode of these function.



Action when 2 stations with different programme identification (PI) codes are on the same frequency:

SOUND: The radio switches to the new channel for a few seconds and then switches back again

MUTE: The radio is muted

RETUNE L / S CONTROLS (2)

When press the SEL button for more than 2 seconds, it is activated as selecting Retune mode.

RETUNE L: Select 90 seconds as the initial time of automatic TA search.

RETUNE S: Select 30 seconds as initial time.



MASK DPI (2)

When press the SEL button for more than 2 seconds, it is activated as selecting mode of these function.



MASK DPI: masked only the AF which has different PI.

MASK ALL: masked the AF which has different PI and NO RDS signal with field strength.

EON MODE (2)

When press the SEL button for more than 2 seconds, it is activated as selecting mode of these function. When the EON function is switched on the radio switches to traffic radio or PTY groups if the TA or PTY function has been activated. The EON function on (EON ON) or off (EON OFF) selected by VOL.



BEEP MODE (2)

When press the SEL button for more than 2 seconds, it is activated as selecting mode of these function.



ALL Button sound is on permanently

2nd Button sound is triggered by secondary button functions (hold button down for a while)

OFF Button sound is off

TA VOLUME SETTING (2)

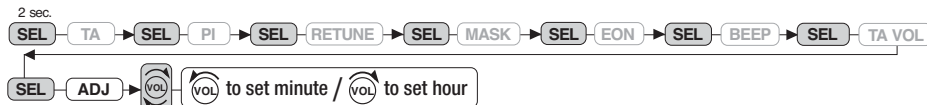
When press the SEL button for more than 2 seconds, it is activated as selecting mode of these function.



Volume setting for traffic announcements

ADJUST TIME (2)

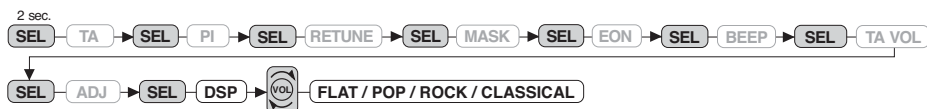
When press the SEL button for more than 2 seconds, it is activated as selecting mode of these function.



Turn VOL knob clockwise to set hours and counter clockwise to set minutes.

AUDIO DSP CONTROLS (2)

When press the SEL button for more than 2 seconds, it is activated as selecting mode of these function.



4. PRESET STATIONS (1,2,3,4,5,6)

(A) RADIO MODE:

When pressed short, these keys select a preset station directly. When pressed longer than 1 sec., current station is stored in preset memory bank. When PTY mode is selected, the PTY switch is shared as follows:

PTY music group ---- PTY speech group ---- OFF

MUSIC

1. POP M, ROCK M
2. EASY M, LIGHT M
3. CLASSICS, OTHER M
4. JAZZ, COUNTRY
5. NATION M, OLDIES
6. FOLK M

SPEECH

1. NEWS, AFFAIRS, INFO
2. SPORT, EDUCATE, DRAMA
3. CULTURE, SCIENCE, VARIED
4. WEATHER, FINANCE, CHILDREN
5. SOCIAL, RELIGION, PHONE IN
6. TRAVEL, LEISURE, DOCUMENT

(B) CD/MP3 PLAYER MODE:

1. PAUSE
2. RPT
3. INT
4. RDM

USING THE RDS FUNCTION

What is RDS?

The RDS (Radio Data System) is a digital information system developed by the EBU (European Broadcast Union). Piggy-backed on normal FM broadcasts, RDS offers a variety of information services and automatic retuning functions for RDS-compatible car stereos.

In 1988, RDS became available in the United Kingdom, France, West Germany, Ireland and Sweden. Test transmissions are being conducted in many other European countries. It is expected that RDS will be available in most Western European countries in the near future.

5. 'AF/REG' FUNCTION (ALTERNATIVE FREQUENCIES)

When pressed short, AF/REG switching mode is selected.

When AF/REG switching mode is selected, the radio checks the signal strength of the AF all the time.

When pressed long, it is activated as regional mode ON/OFF.

– **Regional mode ON:**

AF switching or PI SEEK is implemented to the station which have all PI codes same as current station.

REG segment is turned on, in LCD display.

– **Regional mode OFF**

The regional code in the format of PI code is ignored when AF switching or PI SEEK is implemented.

6. 'TA' FUNCTION (TRAFFIC ANNOUNCEMENT)

When pressed short, it is activated as TA mode on or off

When TA mode is on and traffic announcement is transmitted

– When the unit is CD/MP3 mode, it will switch to radiomode temporarily.

– If the volume level was under the threshold point, it will be raised to the threshold point.

– When TP station is received, TP segment is turned on in LCD display.

7. 'PTY' FUNCTION (PROGRAM TYPE)

PTY MUSIC ---- PTY SPEECH ---- PTY OFF

While selecting PTY type, its selection is implemented by preset buttons as described in preset key.

When PTY is selected, the radio starts to search corresponding PTY information, and stops if the corresponding PTY information is detected.

8. DISPLAY (DISP)

Press **DISP** button to switch between display informations such as radio frequencies, clock, track and other informations depending on the playing MODE.

9. MODE BUTTON (MODE)

By pressing this key, user can select AUX/TUNER/CD-MP3/USB/MMC/SD/iPod mode.

10. BAND / LOUDNESS BUTTON (BD/LD)

Each band is toggled cyclically by pressing this key FM1---FM2---FM3.

LOUDNESS: Press and hold **BD/LD**, you can select LOUDNESS mode.

11. AUTOMATIC OR MANUAL TUNING (FREQ UP ►► OR FREQ DOWN ◄◄)

(A) RADIO MODE

When pressed short, these keys are operated as SEEK tuning mode.

When pressed longer than 1 sec., they are operated as MANUAL tuning mode.

(B) CD/MP3/WMA PLAYER MODE

When pressed short, they are operated as TRACK UP or TRACK DOWN mode.

When pressed longer than 1 sec., they are operated as CUE or REVIEW mode.

12. AUTO SEEK SEARCH TUNING (AS/PS)

By pressing shortly, the radio searches for each preset station.

When field strength level is bigger than the threshold level of stop level, the radio is holding at that preset number for 5 sec. with releasing mute, and then searches again.

By pressing longer than 1 sec., and then 6 strongest stations are preset to the corresponding preset number. When AS operation is finished, the radio executes the preset scan.

13. 'SCAN' AUTOMATIC TUNING CONTROL (SCAN)

This key is operated as RADIO SCAN. The operation is similar as normal search but different thing is holding 5 seconds on every station detected in RADIO SCAN mode.


14. MUTE BUTTON ()

Press this button to mute the sound at once. Press again to return to previous volume level.

15. LCD DISPLAY

The Liquid Crystal Display will display the current state of the unit.

16. OPEN THE FRONT PANEL



Press  button and the front panel will open.



CD/MP3/WMA CONTROL LOCATION OF PARTS

TRACK/SEARCH BUTTON (11)

FORWARD AND REVERSE TRACK SEARCH (or changing songs)


Press the SKIP button ( or ) during play to go to the desired track(song).

REVERSE FORWARD

Press and hold the SKIP button ( or ) during play to scan the disc at high speed. When the desired music section of the disc is found, release the button. Normal play will resume.

17. CD SLOT

18. CD EJECT BUTTON

Press the  button to remove the CD.

19. PAUSE BUTTON

During "PLAY", press (19) 'PAU' button to "PAUSE". Press it again to resume play.

20. REPEAT BUTTON

When this button is pressed, "repeat" indication is displayed and play of the selected track will be continually repeated until the Track repeat mode is cancelled by pressing 'RPT' button again.

21. INTRO BUTTON (Preview all Tracks)

When this button is pressed, "INT" indication is displayed and the first several seconds of each track of the disc are played. Press again to stop intro and listen to track.

22. RANDOM BUTTON





When this button is pressed, "random" indication is displayed and each track of the disc are played in random instead of normal progression. To cancel RANDOM mode, press 'RDM' button again.

23, 24. 10 TRACK DOWN/UP SELECT: (In case of MP3/WMA files)





M5: 10 Track down / M6: 10 Track up

HOW TO SELECT MP3/WMA FILES



1. Searching by Track:

- Press "AS/PS", then searching track is activated.
- Press "VOL" knob, then the first digit is blinking.
- With "VOL"  / VOL  knob, select first digit you want.
- Press "VOL" knob, then the first digit is fixed and second digit is blinking.
- With "VOL"  / VOL  knob, select 2'nd 3'rd respectively.
- Then automatically the song you selected will start.

2. Searching by File Name:

- Press "AS/PS" twice, then file search is activated.
- Press "VOL" knob, then the first directory is displayed.
- With "VOL"  / VOL  knob, you can select the directory you want.
- Press "VOL" knob again, then the directory is fixed and the first file name is displayed.
- With "VOL"  / VOL  knob, you can select the file you want.
- Press "VOL" knob, then the song you selected will start.

3. Searching by Character:

- Press "AS/PS" 3 times, then character search mode is activated.
- Press "VOL" knob, then "A" character is displayed.
- With "VOL"  / VOL  knob, you can select the letter you want.

- Press “VOL” knob longer than 2 sec.
- The song which has same character you selected is displayed.
- With “VOL” (VOL) / VOL (VOL) ” knob, you can select the song you want.
- Press “VOL” knob, then the song you selected will start.

Connecting it to Portable MP3 Player

25. USB Port

Using USB cable to connect Your Portable MP3 Player.

26. MULTI-MEDIA CARD (MMC) / SD CARD SLOT

Support MP3 ID3 format music only.

*** IMPORTANT INFORMATION:**

BECAUSE OF THE GREAT VARIETY OF PRODUCTS WITH USB, SD AND MMC CARD PORTS AND THEIR SOMETIMES QUITE MANUFACTURER-SPECIFIC FUNCTIONS WE CAN NEITHER GUARANTEE THAT ALL DEVICES WILL BE RECOGNIZED NOR THAT ALL OPERATING OPTIONS THAT ARE POSSIBLE IN THEORY WILL ACTUALLY WORK.

27. FRONT AUX IN

Convenient easy to use front “AUX IN” input jack, allows easy connection of Portable Media and digital MP3 Players.

CONNECTING IPOD

You can connect your iPod portable device and play songs from the car stereo. Only the audio feature is supported, other features of iPod are not supported.

Playing Songs in IPOD

You now can play songs in iPod once the cable is properly connected.

1. Press **MODE** repeatedly until I-POD shows in the display.
2. Press **AS/PS**.
3. Rotate **VOL** to select PLAYLIST – ARTISTS – ALBUMS – SONGS – GENRES.
4. Press **BD/LD**.

If you are aware on how to use iPod, the way to use the car stereo feature is basically just the same. Take note of the equivalent key function below.

Car Stereo	iPOD	Function
Rotate VOL knob	Rotate CLICK WHEEL	Up/down category/file browsing
Press BD/LD button	Press SELECT button	Selecting a category/Play song

Car Stereo and iPod equivalent key function

Note:

Please refer to your iPod user's manual for operating instructions.

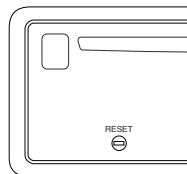
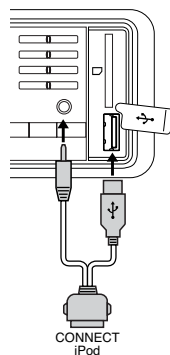
Press AS/PS to go back to Main Menu.

• **RESET**

Reset button is placed on the housing.

The reset button is to be activated for the following reason:

- Initial installation of the unit when all wiring is completed.
- All the function button do not operate.
- Error symbol on the display.



TECHNICAL SPECIFICATIONS

CD/MP3/WMA PLAYER SECTION

Signal to Noise Ratio	> 60 dB
Channel Separation	> 50 dB (1kHz)
Frequency Response	20 Hz - 20 kHz

TUNER FM

Frequency Range	87.5-108 MHz
Intermediate Frequency	10.7 MHz
Sensitivity	2.8 μ V
Stereo Separation	30 dB
Signal to Noise Ratio	50 dB
Channel Step	50 kHz

LINE-OUT

Output	1.5V (max.)
Impedance	10k Ohm

GENERAL

Power Supply	12 V DC (10.8-15.6V allowable)
Speaker Impedance	4 or 8 Ohm
Output Power	75W x 4CH

Note: Specification and the design are subject to possible modification without notice due to improvements.